

INFORMATION REPORT

CD NO.

COUNTRY USSR (~~Murmansk Oblast~~)

DATE DISTR. 31 Jan. 1952

SUBJECT Nickel Plant at Monchegorsk

NO. OF PAGES 5

25X1A

NO. OF ENCLS. 2
(LISTED BELOW)

SUPPLEMENT TO
REPORT NO.

25X1X

25X1X

1. Location

Southwest of MONCHEGORSK (3 [REDACTED] Murmansk Oblast,
between a mountain and a lake [REDACTED] town.

ILLEGIB

2. Installations

Construction of the plant started in 1939 and 1940. These
dates were seen on buildings and smoke stacks at the plant.
The war delayed completion of the work, but it was
pushed since 1945. New installations include a [REDACTED]
and workers settlements.

ILLEGIB

The plant workshops were modernized in 1947. The electric
furnaces and the electrolyzer in Department No. 1 were re-
placed. Foundations for Department No. 6 were laid at the
same time. These were completed in early May of 1948.

3. Departments

- No. 1 - Foundry
- No. 2 - Galvanic baths
- No. 3 - Ore melting plant
- No. 4 - No details available
- No. 5 - Repair plant
- No. 6 - Framework completed in August 1948, ultimate
use undetermined.

4. Railroad spur tracks lead into the plant area.

STATE	<input checked="" type="checkbox"/>	NAVY	<input checked="" type="checkbox"/>	NSRB															
ARMY	<input checked="" type="checkbox"/>	AIR	<input checked="" type="checkbox"/>	FBI															

ILLEGIB

ONLY

25X1A

ILLEGIB

5. Electric current from outside lines reaches the various departments through the plant transformer station.

6. Work Force

A total of fifteen thousand, including miners, women, juveniles, civilian internees, and 1,000 to 1,500 PWs.

7. Production

Nickel and copper, including nickel plates of 1.3 x 1.3 x 0.3 feet, nickel alloys, small boilers, shafts, railroad car wheels, and kitchen range plates.

25X1A

Comment:

a. This is the first post-war information on the MONCHEGORSK nickel plant, which is listed in files as the "Severonickel" plant. It was evacuated to the Ural district in 1941 and re-established at its former site in October 1943, at which time it allegedly employed 1,500 workers.

25X1X

b. Sketch listed as Annex 1 to this report was prepared by [redacted] The sketch listed as Annex 2 was prepared by [redacted]

25X1X

These two sketches agree in some details, especially as to the locations of Departments 1 and 3, but they disagree in other respects. Further reports are necessary to completely clarify all details regarding the plant layout.

2 Annexes: Nickel Plant in MONCHEGORSK

25X1A

SECRET-CONTROL/US OFFICIALS ONLY

009

SECRET-CONTROL/US OFFICIALS ONLY

25X1A

ILLEGIB

Legend to Annex 1

- 1 through 4 Mines 1-4
- 5 Exit
- 6 Nickel ore sorting plant
- 7 Transloading point from narrow-gauge to Soviet gauge
- 8 Department No. 3, brick building 900x1,200 feet, with six melting furnaces,
 - a.)
 - b.) Three smokestacks, each about 300 feet high
 - c.)
- 9 Underground oil bunker
- 10 Three-story main administration building
- 11 Mess hall and guardhouse
- 12 Oil bunker, aboveground
- 13 Ore crushing plant, 90x60 feet
- 14 Raw materials dump, constructed between 1945 and 1947, 450x120 feet
- 15 Open air switching plant
- 16 Three new buildings, the middle of which 1,200x900 feet
- 17 About 2 1/2 miles in this direction is the new Department No. 4
- 18 Department No. 1, 330x240 feet, with:
 - a. Smokestack, 330 feet
 - b. Furnaces with stirring apparatus
 - c. Pipes and blowers
 - d. Dispensary and offices
 - e. Four furnaces, 90 feet high each, in which the nickel ore is melted a second time
 - f. Copper plant
 - g. Furnaces with US arcs
- 19 No details available
- 20 Post exchange and shops
- 21 Sulfate shed
- 22 Department No. 2, 1,000x150 feet
- 23 Switch station
- 24 Water point for locomotives
- 25 Boiler house with a metal funnel (long-distance heating)
- 26 Railroad stop
- 27 Coaling point for locomotives
- 28 Planned new engine house
- 29 Repair shop for the plant machinery
- 30 Department No. 6, new building
- 31 Magazine for processed nickel
- 32 PW camp, now abandoned
- 33 Offices
- 34 Garages
- 35 Fuel dump
- 36 Sawmill
- 37 Pattern shop
- 38 PW Camp No. 7449/1
- 39 Small locomotive depot
- 40 Quartz loading point.

25X1A

SECRET-CONTROL/US OFFICIALS ONLY

ILLEGIB

ONLY

25X1A

25X1A

Legend to Annex 2

- A Nickel Plant
- 1 Oil dump of six oil tanks, 18 feet long and 6 feet in diameter each
 - 2 Fuel dump, drums
 - 3 Carpentry
 - 4 Sawmill
 - a. Lumber yard
 - 5 Motor vehicle and machinery repair shop with:
 - a. Mechanical workshops
 - b. Spare parts depot
 - c. Garage
 - 6 Department No. 5 with:
 - a. Electrical smelting plant and moulding shop (two melting furnaces) and small foundry, production of nickel alloys, small boilers, shafts, railroad car wheels, axles, and kitchen range plates
 - b. Electrical department, production of electrical equipment for plant and town requirements
 - c. Forge and mechanical workshop
 - 7 Departments No. 1 and 2 with:
 - a. Boiler house
 - b. Smeltery (Department No. 2)
 - c. Nickel electrolysis
 - 8 Storage sheds of the shunting station of the Plant. Storage of nickel ore, coal, coke, etc.
 - 9 Mess hall for plant workers
 - 10 Department No. 3 with:
 - a. Eight nickel melting furnaces, partly electrically operated, partly burning coal. Size of the furnaces: 12 to 15 feet high and 6 feet in diameter
 - b. Storage sheds for nickel ore, quartz and coke
 - c. Conveyor belt between buildings a. and b.
 - 11 Department No. 4 with:
 - a. Administration building
 - b. Boiler house
 - c. Coke and coal conveyor plant to the boiler house
 - d. Transformer station
 - e. Main building with eight or nine furnaces provided with water heating jackets, six electrolytic baths, and one melting furnace 300 feet high and 18 feet in diameter
 - f. Chemical department, production of acids
 - g. Pipe system between plants e and f
 - h. Spare parts depot
 - i. Storage shed for nickel ore, coke, and coal
 - k. Conveyor belts between departments i and e, and i and c
 - 12 Plant department No. 6, under construction; the foundations were completed in early May 1948
 - 13 Transformer station
 - 14 Power transmission line from OLENYA
 - 15 Cement dump
 - 16 PW Camp No. 7448/1, abandoned in April 1948

25X1A

 SECRET-CONTROL/US OFFICIALS ONLY

25X1A

~~SECRET-CONTROL/US OFFICIALS ONLY~~

ILLEGIB

- B Town of MONCHEGORSK and various installations
- 1 Barracks
- 2 Troop training grounds
- 3 MVD offices
- 4 PW Camp No. 7448/2
- 5 Guard personnel quarters
- 6 Food magazine for the PW Camps
- 7 Locomotive shed and repair shop
- 8 Storage sheds of the main railroad station
- 9 Main railroad station of MONCHEGORSK (terminal)
- 10 Residential area for high ranking Soviet officials
- 11 Municipal garages, the motor vehicles of the
nickel plant are also parked there
- 12 Oil dump of about nine oil tanks, each 18 feet long
and 6 feet in diameter, probably former railroad
tank cars
- 13 Sports grounds
- 14 Food and consumer goods magazine
- 15 New settlement, constructed by German PWs
- 16 Sawmill
- 17 Landing place with several storage sheds
- 18 Wooden road bridge, 150 feet long
- 19 Wooden road bridge, 60 feet long
- 20 Wooden railroad bridge, 75 feet long
- 21 Wooden road bridge, 120 feet long
- 22 Wooden railroad bridge, 180 feet long
- 23 Improvised airfield
- 24 Kolkhodz

25X1A

~~SECRET-CONTROL/US OFFICIALS ONLY~~

25X1A

annex 2

Nickel Plant in MONCHEGORSK



